

Date: Tue, 27 Apr 93 19:08:25 PDT
From: Packet-Radio Mailing List and Newsgroup <packet-radio@ucsd.edu>
Errors-To: Packet-Radio-Errors@UCSD.Edu
Reply-To: Packet-Radio@UCSD.Edu
Precedence: Bulk
Subject: Packet-Radio Digest V93 #116
To: packet-radio

Packet-Radio Digest Tue, 27 Apr 93 Volume 93 : Issue 116

Today's Topics:

 BPQ
 Internet
 j*Com address for SoftNC
 NET/MAC upgrade
 PE1CHL - new version 930411 ?
 rsgb gb2rs news 25th april
 UTC time signal available? (2 msgs)

Send Replies or notes for publication to: <Packet-Radio@UCSD.Edu>
Send subscription requests to: <Packet-Radio-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Packet-Radio Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/packet-radio".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 27 Apr 93 00:57:04 GMT
From: news-mail-gateway@ucsd.edu
Subject: BPQ
To: packet-radio@ucsd.edu

Does anyone know (and be willing to share) where I can FTP
a copy of the latest BPQ? I think its ver 4.06a.

Thanks

Roland

asqp-nbf@zama-emh1.army.mil
or
7J1AKI @ 7J1AAA

Date: 26 Apr 1993 18:20:14 GMT
From: hal.com!thumper!bob@decwrl.dec.com
Subject: Internet
To: packet-radio@ucsd.edu

In article 4Aw@news.iastate.edu, n0tqf@iastate.edu (Mark J Nimmer) writes:
>
> Lots of people are asking how to get on to Internet from Packet.
>I am also interested in this Info. So I assume that there many more people
>who want to know. Could some one post a list of the gateways on this group.

Here is the instruction sheet for my gateway. Only hams on internet can
traverse the gateway into packet. If you have questions feel free to send me
a note.

The sections you will be most intrested in are REGISTRATION and SENDING MAIL
TO PACKET USERS.

Bob Arasmith
bob@hal.com (work)
bob@arasmith.com (home)
n0ary@n0ary.#nocal.ca.usa.na (packet)

N0ARY/BBS Internet Gateway Operating Instructions
April 1993

LOCAL USERS:

Local users are those that log into the bbs via the bbs's telephone modem
port (408-749-1950) or via one of the 3 tnc ports (144.93, 223.62, 433.37).
Each local user has a bbs account that is used to customize how the bbs
interacts with the user.

Local users can set their account up so that all incoming mail addressed
to their call will be forwarded via a gateway to internet and on to
other networks (mcimail, compuserve, etc). All the user needs to do is
enter his email address and turn the feature on.

EMAIL bob@hal.com
EMAIL ON

When the EMAIL feature is turned on the packet message will be deleted
at the time of forwarding through the gateway. So care should be taken

that the paths are correct prior to turning the feature on, for instance enable it, send a test message, and disable it. After a successful transfer re-enable the feature. To disable the auto forwarding feature simply type:

EMAIL OFF

Messages can be sent by packet users to the internet users via the gateway. This applies to users at N0ARY as well as users at other bbs's. Begin by sending a message to IPGATE@N0ARY with the first line of the message being the letters "To:" followed by the internet address of the recipient.

N6ZFJ de N0ARY >

sp ipgate@n0ary

Enter your subject:

Meeting?

Enter your message body:

To: bob@hal.com

Are you planning to attend the club meeting on Thursday? Give me a call. 73, Connie

^Z

NOTE: That the recipient cannot respond to the message unless they are a ham and registered with the gateway. He/she becomes registered by sending a message from his internet host to gateway-request@arasmith.com.

REMOTE USERS:

Remote users are those that do not log into N0ARY directly but merely appear from the packet world to use it as home. If a packet user checks the "White Pages" for a remote user the entry comes back as @N0ARY. The packet user then address his message to YOURCALL@N0ARY and the bbs will do the translation and forwarding to internet.

It is not necessary for a person to know your actual internet address nor use the SP IPGATE method described above. From the packet network it appears that you are just another user at N0ARY.

WHITE PAGES:

The "White Pages" is a distributed database of all the bbs users. Most bbs users in the US are represented in the database as well as many from other countries. An entry consists of; call, home bbs, first name, zip, city and state. When a user wishes to send another packet user a message he/she consults the white pages (WP) for the home bbs.

REGISTERING:

Before a user, both local and remote, can send a message from internet into the bbs system he/she must register with the gateway. This is done by sending a message from the host that he/she intends to use to gateway-request@arasmith.com with the following information:

CALL:
FIRST NAME:
CITY & ST:
ZIP:

When a request is received the "From" field is copied directly into a file with the requesters call. Whenever the gateway receives a message bound for packet it scans this file comparing on the "From" field. When a match is found the gateway uses the associated call from then on. If there is no match the mailer bounces the message with a one-liner indicating the the user must register.

If you currently use another bbs as home this needs to be stated in the request. Otherwise you will be assigned N0ARY as your home. If you choose not to use N0ARY as your home you must make sure people know to send your message to YOURCALL@N0ARY to pass through the gate. Your WP entry will be wrong.

EXECUTING BBS COMMANDS REMOTELY:

Many of the commands available to local users is also available to remote users by sending a message to the bbs. Here is a subset of the commands currently available.

LIST	listing messages
LOOKUP	look up calls in the on-line callbook
WHO call	dump a users account information
READ	read messages and files
USERS n	display the last n users to connect to the bbs
INFO	display manual pages of various topics
CD	change directories in the file system
LS/DIR	display the contents of a directory
WP call	look a user up in the "White Pages"
HELP	get help on how to use a command

Not all commands available to local users can be accessed via the gate. All interactive commands are disabled as well as commands that modify the users account.

The command parser for the bbs is very powerful and the user can form very complex requests. For instance the following command is valid on the bbs:

```
LIST LAST 20 BULLETINS FROM N0ARY
LIST ALL BULLETINS ABOUT KENWOOD
```

The ABOUT keyword is used to search the subjects of messages for a given pattern, in this case KENWOOD. It can appear anywhere in the subject line.

This is an example of how complex all the commands can become. They can also be abbreviated down to the level understood by most other bbs programs. Any of the following will give the same results.

```
L< N6ZFJ
LIST FROM N6ZFJ
LIS < N6ZFJ
L FR N6ZFJ
```

In most cases a minimum number of unique characters is needed to distinguish a command.

You can get a list of commands and a translation chart from W0RLI to N0ARY by typing the following commands.

```
INFO COMMANDS
INFO W0RLI
```

Other commands that you may wish to execute are:

```
INFO MANUAL
HELP HELP
HELP LIST
```

Now that you know what some of the commands are this is how you go about executing them. You send a message to cmd@bbs.arasmith.com with your commands entered one per line or separated by semicolons. For example if you want to know if three of your buddies are in the white pages and if the bbs has any messages about the ICOM W2A.

```
% mail cmd@bbs.arasmith.com
Subject: you can put anything here
wp n0ary n6zfj n6une
list all about w2a
.
```

The bbs will execute the commands and respond to you via return mail.

SENDING MAIL TO PACKET:

Once registered the user is free to begin using the gateway to send messages from his host through the gateway into the packet world. How much you have to specify of a users address depends on how much the bbs already knows about the user.

If the bbs knows the home bbs of the user and his home bbs is know to the the N0ARY bbs, which most of them are, you simply need to supply the call.

n6zjf@bbs.arasmith.com

If the N0ARY bbs doesn't know of the user but does know where his home bbs is then you need to supply just the home bbs call in addition to the users.

n6zjf%n6qmy@bbs.arasmith.com

Notice that the call and home bbs are separated by a percent sign '%' rather than the '@' which is used in the packet domain. This is because the '@' has a meaning in the internet address.

If the bbs has no knowledge of either the user or his home bbs then you probably have the wrong home bbs or it is a new bbs. In which case you will have to supply the full address so the bbs will know how to route the message.

n6zjf%n6qmy.#nocal.ca.usa.na@bbs.arasmith.com

This level of addressing is hardly ever needed and normally means that the home bbs is in error.

Bulletins can be sent in a similar fashion. The address is made up of a keyword, which can be any six character word and a distribution. Distributions are local to an area. For instance SBAY is valid in northern CA, it probably has no meaning at all in Topeka, KS.

Valid distributions are:

ALLUS	please avoid this one
ALLUSW	all western US
ALLCA	all California, any 2 letter state should work

So if you trying to find a cw filter for a Kenwood TS440.

want%allca@bbs.arasmith.com

Subject: Kenwood TS440, CW filter

If you have one of these you are willing to part with please
give me a call or leave message, thanks.

73, N6ZFJ@N0ARY.#NOCAL.CA.USA.NA

.

Be descriptive, brief, and always include your full return address in the message. Also please try to limit your distributions to small regions. Using the ALLUS distribution really slows down the flow of messages.

INFO ON THE N0ARY BBS:

The bbs came into being in July of 1990 and as of April of 1993 had over 1000 users, 800 registered as home. The bbs has 3 rf ports, 2 phone ports, the internet port, and a voice synthesizer port. The latter allows users to check for messages via DTMF from their handhelds.

The bbs itself runs on a Sun workstation under Unix. The code was written by Bob Arasmith to focus on the user. Great care was taken to make the bbs very forgiving to the novice user but very flexible and powerful for the old-timer. The bbs can be configured to interact with each user differently. Some examples are:

- * List messages in either descending or ascending order.
- * Specify a list of keywords that the user wishes not to see displayed when a list is performed, similar to a kill file.
- * .signature and .vacation files.
- * Specify how many lines the users terminal is capable of displaying before scrolling, the bbs will feed info this many lines and pause allowing the user to catch up and continue or abort the operation. Similar to more.
- * Users can put commonly executed commands in keystroke macros that are accessible via a single keystroke.

A manual is currently available describing the commands and their permutations. This manual will be available in mid 1993 as a postscript file. Run the command INFO MANUAL to learn how to get one via the post office. It is not available in an ascii format.

If you have any questions about the internet gateway or the bbs in general please drop me a message.

73, bob
n0ary@n0ary.#nocal.ca.usa.na
bob@arasmith.com

Date: 27 Apr 93 04:26:35 GMT
From: ogicse!uwm.edu!ux1.cso.uiuc.edu!news.cso.uiuc.edu!uxa.cso.uiuc.edu!
btbg1194@network.UCSD.EDU
Subject: j*Com address for SofTNC
To: packet-radio@ucsd.edu

Hi.
A friend picked up a copy of SofTNC for me at Dayton, and I thought
that I would pass along the mailing address information for
j*Com for other PMP fans who are interested:

The product is called "SofTNC" for PC's, and it works with
Baycom serial port style modems (as well as PMP style modems, I think).
It is basically PMP with the keyboard handling routines rewritten
to use interrupts so that you can actually continue *typing* when
the computer is busy with traffic on the channel.

j*Com (WJ6COM)
Box 194
Ben Lomond, CA 95005
408-335-9120
408-335-9121 fax

It cost \$20 at Dayton.

I can't give a review of it, because my radio is in the shop, but I have
lots of confidence in N8KEI based on his track record with PMP.

KB8CNE, Brad Banko

--
Brad Banko; Dept of Physics; U of Illinois; b-banko@uiuc.edu
=====

See one. Do one. Teach one.	73 de kb8cne @ n9lnq.il
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Date: 27 Apr 93 20:07:27 GMT
From: news-mail-gateway@ucsd.edu
Subject: NET/MAC upgrade

To: packet-radio@ucsd.edu

Hi,

I search the patch between the NET/MAC 2.3.17 to NET/MAC 2.3.18.
The actual version is 2.3.21. I have Net/Mac 2.3.16 with upgrade to 2.3.17.
I have also Net/Mac patches from 2.3.18 to 2.3.19, from 2.3.19 to 2.3.20,
from 2.3.20
to 2.3.21 but I don't have the patch for Net/Mac 2.3.17 to 2.3.18.
Could someone help me to download this patch or the final version (2.3.21).

I need some help about some release of Net/Mac.
I see from pa2aga a program called Net/Mac 2.2.
I see also Net/Mac 2.3.X. (where X=15 to 21)
Wich are the differencies and the last release?

Many thanks.

Pascal Beaujeant
Computing Center
University of Namur
Belgium.

Date: 26 Apr 93 15:23:36 GMT
From: doc.ic.ac.uk!uknet!mucs!chardi@decwrl.dec.com
Subject: PE1CHL - new version 930411 ?
To: packet-radio@ucsd.edu

A friend of mine is looking for PE1CHL TCP/IP software for his Atari ST...
we found an old version on ucsd.edu for the PC but I can't find the latest
version I've been hearing about, dated 930411. I'm also looking for the same
software but for Linux -- can anyone help?

Thanks,
Ian.

--

[Ian Chard, Systems Integration	"Kryten, unpack Rachel and get out the	]
[Packet: G70MZ @ GB7NWP.GBR.EU	puncture repair kit."	]
[Email: chardi@cs.man.ac.uk		]
[Al-Hussein: 50d50'N 0d15'W	-- Rimmer (un-H), Red Dwarf	]

Date: Sat, 24 Apr 1993 19:49:15 GMT

From: overload.lbl.gov!agate!howland.reston.ans.net!zaphod.mps.ohio-state.edu!
caen!destroyer!cs.ubc.ca!unixg.ubc.ca!kakwa.uclb.ca!alberta!nebulus!
ve6mgs!tedb.demon.co.@dog.ee.lbl.gov
Subject: rs.gb gb2rs news 25th april
To: packet-radio@ucsd.edu

Good morning. It's Sunday the 25th of April and here is the GB2RS news broadcast, prepared by the Radio Society of Great Britain.

First the headlines:- BT supports amateur radio; a radio amateur is prosecuted; and there's a possible licensing hitch for married amateurs.

British Telecom has indicated its support for the RSGB's Project YEAR by donating videos and booklets to help with Novice training. Project YEAR - Youth into Electronics via Amateur Radio - is an ongoing initiative by the Society aimed at encouraging young people into the hobby. It involves several books, the Novice Licence, a video - Amateur Radio for Beginners - which is available to clubs from the RSGB Audio Visual Library, and a magazine D-i-Y Radio.

If your club is holding an event which is particularly suited to the beginner or Novice licensee, the RSGB can provide publicity for the event in D-i-Y Radio. Details of relevant meetings, rallies or open days should be sent to Marcia Brimson at RSGB HQ, marked D-i-Y Radio. And don't forget to tell us about any committee members with special responsibility for newcomers and Novices.

The Radiocommunications Agency of the DTI has announced a successful prosecution under the Wireless Telegraphy Act 1949. On the 25th of March, at Lisburn Magistrates Court in Northern Ireland, a radio amateur was fined a hundred pounds with ten pounds costs and had to forfeit his transceiver said to be worth five hundred pounds. The prosecution, which was for using frequencies not covered by the defendant's licence, came about following television interference complaints and followed several warnings. Next Thursday, at Dudley Magistrates Court, the RA will be prosecuting another radio amateur in a case which involves abuse of the amateur repeater network in the Midlands. The RA says that information supplied by the RSGB's Amateur Radio Observation Service was particularly helpful in preparing the case.

The RSGB '93 Show takes place on Sunday the 16th of May at the National Exhibition Centre, near Birmingham. There will be the usual trade stands in a single huge hall, plus a large display of the work of RSGB Headquarters and of the Society's committees. The National Vintage Communications Fair is also being held that day in the NEC complex. Many visitors will wish to visit both shows and reduced rates are available for this.

The May edition of Radio Communication will be posted to all RSGB members in the next few days. It contains the latest on RAEN Ltd, repeater licensing and

VHF awards. The full text is given of the amendment to the Amateur Radio Licence, concerning the 430MHz band, which we announced recently on GB2RS.

The organisation which processes amateur radio licences, Subscription Services Ltd, has said that it regrets that, at present, it can collect only one Direct Debit from a bank account for licence renewal fees. This has caused difficulty where two licensees sharing a joint bank account have different renewal dates. The situation is likely to be resolved shortly but in the meantime anyone who is in this position is advised to make alternative payment arrangements.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DY0. From Bahrain, DL1WH will sign A92WH from now until the end of June 1993. He may also use the club callsign A92C. From Crete, a group of Greek amateurs will use the callsign J49GI from Gavdos Island, starting on Sunday the 2nd to Friday the 7th of May. Check these frequencies: On CW 1835, 3525, 7025, 14025, 21025 and 28025kHz and for SSB 1845, 3795, 7045, 14195, 21295 and 28495kHz. They also hope to be on the WARC bands. From Sierra Leone, K5LBU is now active as 9L1CB. His tour with of 2 years with the Baptist Mission ends in early 1995. From Kampuchea, HA7VK is now active as XU7VK from now until the end of June. From Tromelin Island, FR5ZQ/T is said to be active around 14.120MHz after 1700GMT. From Guadeloupe Island, the XF1G team now expect to be active from now until Thursday the 29th of April.

We know of three rallies scheduled for today, Sunday the 25th of April:

The Bridlington and District Amateur Radio Society's East Yorkshire Rally is being held at The Spa, Bridlington. Doors open at 11.00am, or 10.30am for disabled visitors. There are many traders, club stands and a bring & buy stall. Refreshments are available.

The Bury Radio Society Hamfeast is being held at the Bury Leisure Centre, Bolton Street, Bury, Lancs.

The Dacorum Amateur Radio and Transmitting Society Car Boot Sale is being held at the Heath Park Hotel, Hemel Hempstead, Hertfordshire.

Rallies for Sunday the 2nd of May:

The Anglo-Scottish Rally is to be held at Tait Hall, Kelso. Further details can be obtained from Bruce, GM4UIB, by telephoning 0573 224654 (evenings only).

The British Amateur Television Club Rally is to be held at Harlaxton Manor, Near Grantham, Lincolnshire. It is just one mile off the A1 (signposted). Doors open at 10.00am. There will be the usual traders inside and an outside flea market. The event features a lecture programme and demonstrations, and refreshments will be available. Talk-in will be on Channels S22, SU22 and via

GB3GR on RB11. The entrance fee covers access to the new Harlaxton Gardens which is an ideal family venue. A substantial reduction in entrance fee is available on production of a copy of Radio Communication or CQ-TV magazines. Further details are available from Paul, G8MJW on 0522 703348.

Rally for Monday the 3rd:

The Mid Cheshire Amateur Radio Society Rally is to be held at the Civic Hall, Winsford, Cheshire. Doors open at 11.00am, or 10.30 for disabled visitors. Full catering and ample car parking. Further details can be obtained from David, G4XUV on 0606 77787.

News now of a cancelled Rally:

The Scarborough Amateur Radio Electronics and Computer Rally scheduled for Sunday the 25th of July has had to be cancelled by the organisers. They will now concentrate on finding a suitable new venue for July 1994. Further details from Ross, G4ZNZ on 0723 514767.

HF contest news next:

The RSGB's 1993 National Field Day, the Golden Jubilee event, takes place in June. All Groups intending to participate are reminded that they need to send details of their site to Chris, G3SJJ, QTHR, to arrive no later than the 1st of May 1993. See February RadCom page 66 for further details. The next RSGB Slow CW Cumulative Contest takes place on Thursday the 29th, from 1830 to 2000GMT, using 3.530 to 3.580MHz only. See March RadCom, page 81 for the rules. The AG CW DL QRP/QRP Party is scheduled to run from 1300 to 1900 on Saturday the 1st of May using 3.510 to 3.560MHz and 7.010 to 7.040MHz CW only. See April Radcom page 13 for band and class details.

Now some UHF contest news:

The RSGB 432MHz to 24GHz Contest starts next Saturday the 1st at 1400GMT and finishes at 1400GMT on Sunday the 2nd of May. Also during Saturday the 70cm Trophy Contest will take place from 1400 to 2200GMT. See February RadCom page 66 for details, but note that the date for the 70cm Trophy is printed incorrectly; it should read the 1st of May.

Special event stations this week include:

GB2AMN which will be aired by RAF Finningly Amateur Radio Society during today Sunday the 25th to celebrate the opening of Newark Air Museum 20 years ago. The station is operating from two aircraft in the static display at the Museum; the HF station from a Varsity and the VHF SSB station from a Shackleton. All contacts plus SWL reports will receive a QSL card.

And now the solar factual data

There is an extended period this week - the 9th to the 18th of April - due to catching up with the missing holiday data. Solar activity collapsed on the 13th when the sun spot count dropped to only 15, and further declined to only 12 by the 14th; this is the lowest level since February 12th 1988. Levels improved slowly and the count reached 67 by the 18th. The period meaned about 68. There has only been 1 flare of any note during the period, an M8.7/1B on the 18th, which was accompanied by types 2 and 4 radio wave sweeps. These are mainly in the HF region down to about 5MHz. Solar flux levels were up to 136 units on the 12th, but declined to only 88 units by the 15th. However levels were recovering by the 18th when they reached 106, the period averaged 105 units. The geomagnetic Ap index has been mainly unsettled throughout the period, but the 9th was up to a sub storm level of 32 units, and the period 13th to 15th was up to sub storm levels of 28 units. The period averaged 19.8 units. The state has been nil, nothing to report, all the period. The radio quality indices have declined almost every day from just normal down to very poor by the 18th; all circuits have at various times been down to very poor. This week we have not yet received the aa indices. The X-ray flux declined to the lowest levels so far since this data has been broadcast. On the 15th and 16th levels declined to only A7.8 but recovered to B2.0 by the 17th; the period averaged about B2.9.

Now the ionospheric data for Central France:

The F2 daytime critical frequencies at Poitiers, as reported by Meudon, declined and levels averaged 7.4MHz, though some days were down to 6.8MHz. The darkness hour lows averaged 3.0MHz and have not varied much day to day. The lows are now about 0400 hours but the highs are anything between 1200 hours up to 1900 hours varying considerably day to day.

Now the ionospheric data for the north:

Since the 10th April we are now getting the F2 daytime critical frequencies from Ekaterinberg again - it is not known why they stopped - so for the daily highs levels averaged 7.8MHz. The darkness hour lows averaged 3.1MHz.

And lastly the solar forecast:

This week it seems that a major restructuring is taking place on the sun and until this is established it is very difficult to say what is likely to happen. It looks likely that a more active part of the sun will be looking our way. Solar flux levels are likely to be about the 120s. Geomagnetic levels are expected to be just unsettled. Past history of the radio quality indices suggests that ionospheric conditions should be up to normal.

And that is the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns issued were in the G0 T 0 and G7 0 V series, and Novice calls in the 2 0 A F and 2 1 B Q series.

You're listening to GB2RS, the news broadcasting service of the Radio Society of Great Britain, transmitting in the 80, 40, 6 and 2 metre bands.

Date: Mon, 26 Apr 93 15:24:04 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!gatech!news.byu.edu!cwis.isu.edu!fcom.cc.utah.edu!val@network.UCSD.EDU
Subject: UTC time signal available?
To: packet-radio@ucsd.edu

I would like to be able to set my system's clock accurately. Is there a UTC time signal available via packet so that I could have my system automatically set its own clock? (Perhaps via an OSCAR?) Is there an alternative so that I could set my system's clock accurately?

NOTE: This is just something that I would like to do if it is available. I'm interested in a zero (or near zero) cost solutions (assuming that I already have amateur radio and packet equipment). However, I would be interested (for academic reasons) in hearing about other solutions.

Thanks in advance,
-=: [VAL] :=-

--

```
|===== #include <stdclaimer.h> =====//=====|
| "AMIGA: The computer for the creative mind" (tm) Commodore /// Weber State |
| "Macintosh: The computer for the rest of us"(tm) Apple \\\/// University |
|== "I think, therefore I AMiga" -- val@csulx.weber.edu ==\///= Ogden UT USA =|
```

Date: 27 Apr 93 16:39:53 GMT
From: ogicse!emory!gatech!news.byu.edu!cwis.isu.edu!fcom.cc.utah.edu!val@network.UCSD.EDU
Subject: UTC time signal available?
To: packet-radio@ucsd.edu

Val Kartchner (val@fcom.cc.utah.edu) wrote:
: [Is there a broadcasted signal available to allow me or my computer to
: set my computer's clock? Zero-cost solutions are preferred, but other

: solutions are of academic interest.]

I have already received four E-mail replies since I posted this article yesterday. (Thank you for your replies.) As a result, I realize that I was broad in stating my query.

Calling some time-standards organization is a solution. There are programs available for the Amiga which will automatically do this. However, I was looking more for a broadcast solution.

Additionally, it would have to be a broadcast solution receiveable in the Ogden, UT area. (Though regional time-signals would make it into any summary that I would make.) I would also like to know what (additional) equipment would be necessary to receive and interpret the signal(s). (I did receive some replies along these lines to which I will be replying.)

I will summarize on the Net if there is sufficient interest. (Send me a "Me too" message to be counted.) If there isn't sufficient interest, I'll summarize via E-mail.

--:[VAL]:--

--

```
|===== #include <stdclaimer.h> =====//=====|
| "AMIGA: The computer for the creative mind" (tm) Commodore /// Weber State |
| "Macintosh: The computer for the rest of us"(tm) Apple \\\\/// University |
|== "I think, therefore I AMiga" -- val@csulx.weber.edu ==\\///= Ogden UT USA =|
```

Date: Tue, 27 Apr 1993 02:27:26 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!gatech!
darwin.sura.net!news-feed-1.peachnet.edu!umn.edu!csus.edu!netcom.com!
wa2ise@network.UCSD.EDU
To: packet-radio@ucsd.edu

References <1qevrf\$4t@hpscit.sc.hp.com>, <1qf44aINN1l@rave.larc.nasa.gov>,
<1993Apr23.191808.10835@rwwa.COM>et
Subject : Re: Cable TVI interference

If I remember rightly, there is a pulsating set of tones piped thru the CATV systems (somewheres near the FM broadcast band). And that the cable company trucks listen for this as they roam around town. If you can hear it over the air and not cable....

End of Packet-Radio Digest V93 #116
